Cluster based setup of prom-server + grafana

<https://grafana.com/docs/grafana-cloud/kubernetes-monitoring/other-methods/prometheus/prometheus_operator/>

ELK setup

<https://serverspace.io/support/help/elk-stack-on-centos-7/>

what is ingress controller in kubernetes ?

An Ingress controller abstracts away the complexity of Kubernetes application traffic routing and provides a bridge between Kubernetes services and external ones. Kubernetes Ingress controllers: Accept traffic from outside the Kubernetes platform, and load balance it to pods (containers) running inside the platform.

A Helm chart is a package that contains all the necessary resources to deploy an application to a Kubernetes cluster. This includes YAML configuration files for deployments, services, secrets, and config maps that define the desired state of your application.

AWS :

EC2

* Ondemand
* Reverse
* Spot instance → Spot Fleet → Spot Block

ALB + NLB

Auto Scaling Group

VPC

NAT GATEWAY

S3 bucket

RDS Connect with EC2

**AWS CLI on REDHAT / CENTOS**

Enable masquerade

<https://www.server-world.info/en/note?os=CentOS_7&p=firewalld&f=2>

SNAT

DNAT

—--------------------------------------------------------------------------------------

ANSIBLE (20 Days)

Teraform

Checkmk

ELK

Harbor Repo setup on Centos7

--------------------------------------------------------

kubectl get secret mypasswd1 -o json

NODEPORT

INGRESS

LoadBalancer

-------------------------------------------------------

25+GST

-------------

POD (run)

Deploy

ds

yaml